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PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **KLR:7146.021**
 First Inventor or Application Identifier **Jeffrey B. Sampsel**
 Title **PROJECTION DISPLAY SYSTEM
USING POLARIZED LIGHT**
 Express Mail Label No. **EL168607233US**

JC542 U.S. PTO
09/28/9327
04/08/99

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages **49**]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets **23**]
4. Oath or Declaration [Total Pages **72**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(or continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PARENT APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity Statement filed in prior application, (PTO/SB/09-12)
 - Statement(s) Status still proper and desired
13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. Other **check for \$1,478**

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

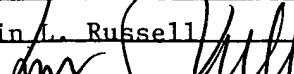
Continuation Divisional Continuation-in-part (CIP) of prior application No. **1** _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below		
Name Kevin L. Russell			
Address Chernoff, Vilhauer, McClung & Stenzel, LLP			
City One SW Columbia St, Suite 600	State OR	Zip Code 97258	
Country US	Telephone 503-227-5631	Fax 503-228-4373	

Name (Print/Type) Kevin L. Russell	Registration No. (Attorney/Agent) 38,292
Signature 	Date 4/18/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC542 U.S. PTO
09/289327



04/08/99

CERTIFICATE OF MAILING

BY "EXPRESS MAIL"

Express Mail No. EL168607233US

Date of Deposit: April 8, 1999

I hereby certify that the patent application submitted by Jeffrey B. Sampsell et al., attached hereto for PROJECTION DISPLAY SYSTEM USING POLARIZED LIGHT, is being deposited with the United States Postal Service "Express Mail to Addressee" service on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dwight Bergquist-Moody
Dwight Bergquist-Moody

GP2873

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE UNDER 37 CFR § 3.73(b)

Applicants: Jeffrey B. Sampsell et al.

Application No: Filed: (concurrently herewith)

Title: PROJECTION DISPLAY SYSTEM
USING POLARIZED LIGHT

Sharp Laboratories of America, Inc.
(Assignee)

Washington corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application identified above for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

From: _____ To: _____ The document was
recorded in the Patent and Trademark Office at Reel _____, Frame _____ or for
which a copy is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached. (Where one or more of the documents is unrecorded.)

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

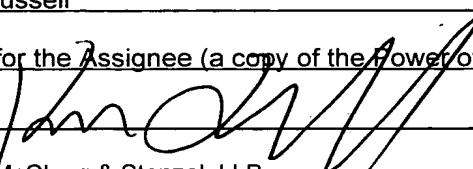
The undersigned (whose title is supplied below) is empowered to sign this Certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: April 8, 1999

Name: Kevin L. Russell

Title: Attorney for the Assignee (a copy of the Power of Attorney is attached)

Signature: 

Chernoff, Vilhauer, McClung & Stenzel, LLP
600 Benj. Franklin Plaza
One Southwest Columbia
Portland, Oregon 97258
Telephone: 503-227-5631

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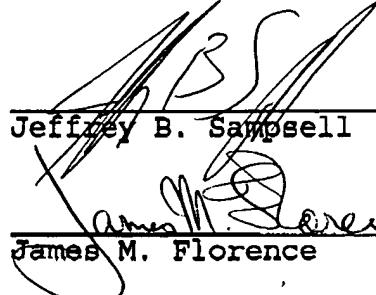
ASSIGNMENT**COPY**

WHEREAS, we, Jeffrey B. Sampsell and James M. Florence, whose addresses are 27119 NE Bradford Road, Vancouver, Washington 98682 and 16059 SW Waxwing Way, Beaverton, Oregon 97007; respectively, are the inventors of an invention entitled **PROJECTION DISPLAY SYSTEM USING POLARIZED LIGHT**, for which on an even date herewith we executed an application for United States letters patent;

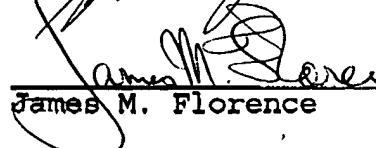
NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid to us by Sharp Laboratories of America, Inc., a Washington corporation, whose business address is 5750 NW Pacific Rim Boulevard, Camas, Washington 98607, the receipt whereof is acknowledged, we do hereby assign unto the same Sharp Laboratories of America, Inc., the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

Dated: 4/6/99


Jeffrey B. Sampsell

Dated: 5 April 1999


James M. Florence

JUN 29 1999

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